

# KOMATSU®

## WA380z-6

### MÃ LỰC

Gross: 143 kW 192 HP / 2100 vòng/phút

Net: 141 kW 189 HP / 2100 vòng/phút

### DUNG TÍCH GẦU

2.7 – 4.0 m<sup>3</sup>

**WA**  
**380z**

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Hình trên đã bao gồm các trang bị tùy chọn.

# SPECIFICATIONS



\*Net horsepower at the maximum speed of radiator cooling fan is 130 kW 175 HP.



	1st	2nd	3rd	4th
Forward	6.6	11.5	20.2	34.0
Reverse	7.1	12.3	21.5	35.5

	1st	2nd	3rd	4th
Forward	6.0	10.6	18.6	31.1
Reverse	6.5	11.3	19.9	33.0



Reduction gear . . . . .	Spiral bevel gear
Differential gear . . . . .	Conventional type
Final reduction gear . . . . .	Planetary gear, single reduction



Parking brake . . . . . Wet disc brake  
Emergency brake . . . . . Parking brake is commonly used



Steering system:

Hydraulic pump	Piston pump
Capacity	138 L/min at rated rpm
Relief valve setting	24.5 MPa 250 kg/cm <sup>2</sup>

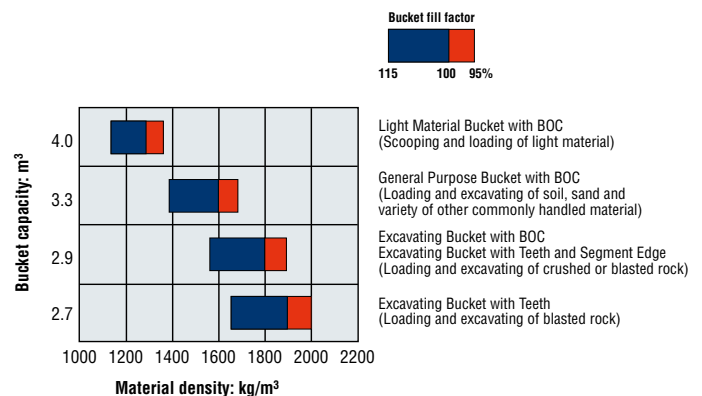
Hydraulic cylinders:

Type	Double-acting, piston type
Number of cylinders	2
Bore x stroke	75 mm x 442 mm

Raise	5.9 s
Dump	1.8 s
Lower (Empty)	3.3 s



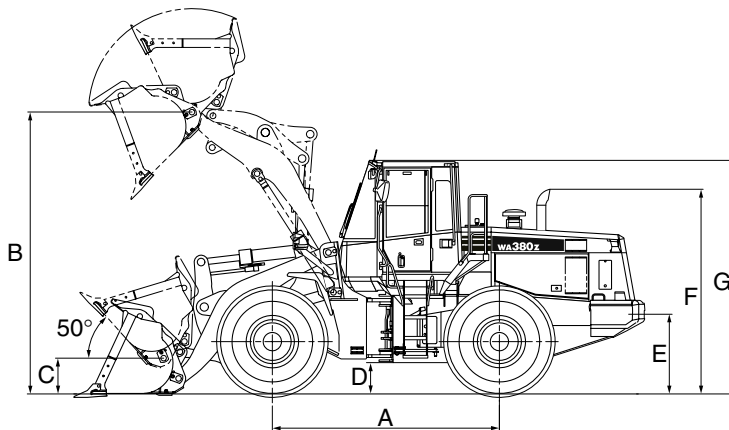
Engine .....	.23 L
Hydraulic system .....	.139 L
Axle (each front and rear) .....	.40 L
Torque converter and transmission .....	.38 L





## DIMENSIONS

Measured with 23.5-25-16PR (L-3) tires, ROPS/FOPS cab



	Tread	2160 mm
	Width over tires	2780 mm
A	Wheelbase	3300 mm
B	Hinge pin height, max. height	4095 mm
C	Hinge pin height, carry position	520 mm
D	Ground clearance	455 mm
E	Hitch height	1150 mm
F	Overall height, top of the stack	2975 mm
G	Overall height, ROPS cab	3390 mm

	General Purpose Buckets		Excavating Buckets			Light Material Bucket
	Bolt-on Cutting Edges	Teeth	Bolt-on Cutting Edges	Teeth and Segments	Teeth	Bolt-on Cutting Edges
Bucket capacity: heaped	3.3 m³	3.1 m³	2.9 m³	2.9 m³	2.7 m³	4.0 m³
struck	2.9 m³	2.7 m³	2.4 m³	2.4 m³	2.3 m³	3.4 m³
Bucket width	2905 mm	2925 mm	2905 mm	2925 mm	2925 mm	2905 mm
Bucket weight	1620 kg	1540 kg	1720 kg	1765 kg	1645 kg	1835 kg
Dumping clearance, max. height and 45° dump angle*	2950 mm	2825 mm	3025 mm	2905 mm	2905 mm	2855 mm
Reach at max. height and 45° dump angle*	1150 mm	1240 mm	1045 mm	1140 mm	1140 mm	1220 mm
Reach at 2130 mm clearance and 45° dump angle	1730 mm	1765 mm	1675 mm	1715 mm	1715 mm	1755 mm
Reach with arm horizontal and bucket level	2585 mm	2745 mm	2445 mm	2615 mm	2615 mm	2710 mm
Operating height (fully raised)	5600 mm	5600 mm	5485 mm	5485 mm	5485 mm	5735 mm
Overall length	8140 mm	8295 mm	8000 mm	8155 mm	8155 mm	8265 mm
Loader clearance circle (bucket at carry, outside corner of bucket)	14420 mm	14520 mm	14350 mm	14450 mm	14450 mm	14480 mm
Digging depth: 0°	60 mm	75 mm	60 mm	75 mm	75 mm	60 mm
10°	290 mm	335 mm	270 mm	315 mm	315 mm	315 mm
Static tipping load: straight	14415 kg	14560 kg	14360 kg	14335 kg	14485 kg	14075 kg
40° full turn	12470 kg	12610 kg	12410 kg	12380 kg	12530 kg	12140 kg
Breakout force	158 kN 16100 kg	170 kN 17300 kg	176 kN 18000 kg	183 kN 18700 kg	191 kN 19500 kg	144 kN 14700 kg
Operating weight	17200 kg	17130 kg	17300 kg	17350 kg	17230 kg	17420 kg

\* At the end of tooth or B.O.C.

All dimensions, weights, and performance values based on SAE J732c and J742b standards.

Static tipping load and operating weight shown include lubricant, coolant, full fuel tank, ROPS cab, and operator. Machine stability and operating weight affected by counterweight, tire size, and other attachments.

Apply the following weight changes to operating weight and static tipping load.



## WEIGHT CHANGES

Tires or attachments	Operating weight	Tipping load straight	Tipping load full turn	Width over tires	Ground clearance	Change in vertical dimensions
	kg	kg	kg	mm	mm	mm
23.5-25-16PR(L-3)	0	0	0	2780	455	0
20.5-25-16PR(L-3)	-970	-770	-680	2695	390	-65
Install additional counterweight	+340	+900	+755			



## STANDARD EQUIPMENT

- 2-spool valve for boom and bucket controls
- Air conditioner
- Alternator, 60 A
- Auto shift transmission with mode select system
- Back-up alarm
- Back-up lamp
- Batteries, 2 x 12 V/136 Ah
- Boom kick-out
- Bucket positioner
- Counterweight
- Directional signal
- Engine, Komatsu SAA6D107E-1 diesel
- Engine shut-off system, electric
- Floor mat
- Front fender
- Fuel prefilter with water separator
- Hydraulic-driven fan
- Lift cylinders and bucket cylinder
- Loader linkage with standard lift boom
- Main monitor panel with EMMS (Equipment Management Monitoring System)
- PPC fingertip control, two levers
- Radiator mask
- Rear view mirror
- Rear window washer and wiper
- ROPS/FOPS cab
- Seat, suspension type with reclining
- Seat belt
- Service brakes, wet disc type
- Starting motor, 5.5 kW/24 V
- Steering wheel, tiltable
- Sun visor
- Tires (23.5-25-16PR, L-3 tubeless) and rims
- Transmission, 4 forward and 4 reverse
- Water separator



## OPTIONAL EQUIPMENT

- 3-spool valve
- Additional counterweight
- AM/FM radio
- Batteries, 2 x 12V/140 Ah
- Bucket teeth (bolt-on type)
- Bucket teeth (tip type)
- Counterweight for log
- Cutting edge (bolt-on type)
- Deluxe suspension seat
- Emergency steering (SAE)
- Engine pre-cleaner with extension
- High lift boom
- Limited slip differential (F&R)
- Log grapple
- Mud guard
- Ordinary spare parts
- Power train guard
- Rear under view mirror
- Tool kit
- Vandalism protection kit

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